

## **REMARKS/ARGUMENTS**

Applicant has carefully reviewed and considered the Final Office Action mailed on June 13, 2007, and the references cited therewith.

Claims 1, 31, and 39 are amended, claims 17-30 are withdrawn, and no claims are canceled or added; as a result, claims 1-46 are now pending in this application.

### **Claim Objections**

Claims 1 and 39 were objected to because of the following informalities: the limitation “the channel includes one or more metal oxides that include zinc-gallium, cadmium-gallium, cadmium-indium” was objected to. Appropriate correction was required.

Applicant has amended independent claims 1 and 39 to be consistent with the second option offered by the Examiner. That is, independent claims 1 and 39, as amended, presently recite, “the channel includes one or more metal oxides that include zinc-gallium, cadmium-gallium, and cadmium-indium”. As such, Applicant respectfully requests reconsideration and withdrawal of the objection to independent claims 1 and 39, as currently amended, as well as those claims that depend therefrom.

### **§ 102 Rejection of the Claims**

Claims 31 and 32 were rejected under 35 USC § 102(e) as being anticipated by Hoffman et al (U.S. PG Publ. No. 2005/0017244) hereinafter Hoffman. Applicant respectfully traverses the rejection as follows.

Applicant’s independent claim 31, as amended, presently recites:

providing a precursor composition that includes one or more precursor compounds consisting of: zinc oxide, cadmium oxide, gallium oxide, indium oxide, zinc-gallium oxide, cadmium-gallium oxide, and cadmium-indium oxide;

In the Response to Arguments section of the June 13, 2007, Final Office Action, the Examiner stated, “The product in Hoffman could have been made using zinc oxide

and tin oxide precursors. There is nothing in the claim that excludes using zinc oxide and another (not claimed) precursor.”

As presented above, Applicant had amended independent claim 31 by replacing “that include” with “consisting of” prior to the listing of usable precursor compounds in order to exclude compounds not listed (e.g., tin oxide). Accordingly, Applicant respectfully requests reconsideration and withdrawal of the 102 rejection of independent claim 31, as amended, as well as those claims that depend therefrom.

#### Double Patenting Rejection

Claims 1 and 39 were provisionally rejected on the ground of non-statutory obviousness-type double patenting as being unpatentable over claims 11 and 13 of copending Application No. 10/799,838.

Hewlett Packard Corporation, as the assignee of the present application, submits that the corporation is, pursuant to 37 C.F.R. § 3.73(b), the owner of the entire right, title and interest in and to the above-identified U.S. Patent Application No. 10/799,838. Hewlett Packard Corporation owns the entire right, title and interest of U.S. Patent Application No. 10/799,838 and U.S. Patent Application No. 10/799,811 (the present application) by nature of the assignments executed and filed for these applications. The assignment for U.S. Patent Application No. 10/799,838 is provided at Reel/Frame number 015092/0022 and the assignment for U.S. Patent Application No. 10/799,811 (the present application) is provided at Reel/Frame number 015091/0912.

The above copending Application and referenced claims have not yet issued. Applicant will be happy to submit a terminal disclaimer in the copending application upon allowance of the claims to the present case or alternatively in the present case if the above referenced application should issue first.

#### Allowable Subject Matter

Applicant notes with appreciation the allowance of claims 36-38.

Claims 2-16, 33-35 and 40-46 were objected to as being dependent upon a rejected base claims, but were indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

With regard to claims 14-16, among those listed immediately above, the Examiner stated that these claims are objected to as being dependent upon a rejected base claim and would be allowable if rewritten in independent form. Applicant notes, however, that claim 14, as previously presented, is an independent claim in independent form. Moreover, independent claim 14 appears to recite allowable subject matter consistent with that recited in allowable claims 6 and 10, which depend from independent claim 1, and consistent with that recited in allowed independent claim 36.

Accordingly, Applicant respectfully requests reconsideration and withdrawal of the objection to independent claim 14, as previously presented, as well as those claims that depend therefrom.

Claims 2-13, 33-35, and 40-46 depend from independent claims 1, 31, and 39, respectively. As presented above, Applicant respectfully submits that independent claims 1, 31, and 39, as currently amended, are in condition for allowance.

Accordingly, Applicant respectfully requests reconsideration and withdrawal of the objection to dependent claims 2-13, 33-35, and 40-46.


**CONCLUSION**

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney Timothy F. Myers at (541) 715-4197.

At any time during the pendency of this application, please charge any additional fees or credit overpayment to the Deposit Account No. 08-2025.

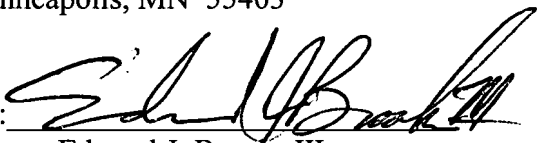
**CERTIFICATE UNDER 37 CFR §1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: **MS AF** Commissioner for Patents, P.O. BOX 1450 Alexandria, VA 22313-1450, on this 29<sup>th</sup> day of June, 2007.

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